

REMARKS

In the Office Action mailed February 18, 2009 the Office noted that claims 10-16 were pending and rejected claims 10-16. Claim 10 has been amended, no claims have been canceled, and, thus, in view of the foregoing claims 10-16 remain pending for reconsideration which is requested. No new matter has been added. The Office's rejections are traversed below.

FORMALITIES

The undersigned wishes to thank the Examiner for interviewing this Application May 8, 2009. In the Interview we discussed a proposed amendment which was indicated to overcome the prior art of Van Hoof, subject to further search. The Applicants submit herewith the amendment to claim 10 as discussed in the Interview.

REJECTIONS under 35 U.S.C. § 102

Claims 10-12, 15 and 16 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Van Hoof, U.S. Patent No. 7,080,238. The Applicants respectfully disagree and traverse the rejection with an argument and amendment.

Claim 10 has been amended to recite "A method in a processor, in which data is processed in a pipelined manner, the data being included in a plurality of contexts, comprising a first context (3), each context passing a plurality of

consecutive stages (2a-2f), in addition to which a plurality of operations is adapted to be executed on the contexts, **each operation comprising a plurality of consecutive operation steps and the consecutive operation steps of one operation being executed on a context at least two different consecutive stages (2a-2f)**, the method comprising: **at a first stage (2a)**, executing an initial operation step (6a) of a first operation on the first context (3), and **at a second stage (2b) that consecutively follows the first stage (2a)**, subsequently commencing an execution on the first context of an initial operation step (7a) of a second operation before an execution on the first context (3) of a following operation step (6b) of the first operation is completed, wherein, at each clock cycle of the processor, the first context (3) is received at one of the stages from the preceding stage, the first context is unconditionally moved to a next stage and **a subsequent context of a subsequent operation is received at the first stage (2a).**" Support for the amendment may be found, for example in claim 10 as previously present and Fig. 1 and ¶¶ 0017 and 0021-0022 of the printed publication version of the Specification.

It is submitted that the prior art of record fails to disclose each operation comprising a plurality of consecutive operation steps and the consecutive operation steps of one operation being executed on a context in at least two different consecutive stages (2a-2f) where a second stage (2b)

consecutively follows the first stage (2a) and a subsequent context of a subsequent operation is received at the first stage (2a).

For at least the reasons discussed above, claim 10 and the claims dependent therefrom, are not anticipated by Van Hoof.

Withdrawal of the rejections is respectfully requested.

REJECTIONS under 35 U.S.C. § 103

Claims 13 and 14 stand rejected under 35 U.S.C. § 103(a) as being obvious over Van Hoof in view of Wallace, Thread Multiple Path Execution. The Applicants respectfully disagree and traverse the rejection with an argument.

Wallace adds nothing to the deficiencies of Van Hoof as applied against the independent claim. Therefore, Van Hoof and Wallace, taken separately or in combination, fail to render obvious the features of claims 13 and 14.

Withdrawal of the rejections is respectfully requested.

SUMMARY

It is submitted that the claims satisfy the requirements of 35 U.S.C. §§ 102 and 103. It is also submitted that claims 10-16 continue to be allowable. It is further submitted that the claims are not taught, disclosed or suggested by the prior art. The claims are therefore in a condition suitable for allowance. An early Notice of Allowance is

requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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